

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. (Currently amended) A multilayer surfacefloor or wall covering comprising:
a polymer substrate wherein the substrate polymer is substantially free of ionic bonds,
a wear layer made of polymer of an ionomer type, and,
between the substrate and the wear layer, an intermediate layer of an olefinic polymer containing
from 1 to 40 parts by weight of a metallocene per 100 parts by weight of the olefinic polymer.
2. (Currently amended) The multilayer surfacefloor or wall covering according to
claim 1, wherein the polymer substrate and the polymer of the ionomer type comprise olefinic
polymers.
3. (Currently amended) The multilayer surfacefloor or wall covering according to
claim 2, wherein the olefinic polymers of the substrate and of the intermediate layer comprise
low-density polyethylene.
4. (Currently amended) The multilayer surfacefloor or wall covering according to
claim 1, wherein the intermediate layer contains from 5 to 30 parts by weight of metallocene per
100 parts by weight of the olefinic polymer.

5. (Currently amended) The multilayer surfacefloor or wall covering according to claim 4, wherein the intermediate layer contains from 8 to 15 parts by weight of metallocene per 100 parts by weight of the olefinic polymer.

6. (Currently amended) The multilayer surfacefloor or wall covering according to claim 1, further comprising an additional layer of low-density ethylene polyolefin between the substrate and the intermediate layer.

7. (Currently amended) The multilayer surfacefloor or wall covering according to claim 6, wherein the additional layer comprises low-density polyethylene and, where appropriate, one or more additives chosen from the group consisting of fatty acids and silica.

8. (Currently amended) The multilayer surfacefloor or wall covering according to any one of claim 1, further comprising a surface layer made of polyurethane on the wear layer.

9. (Withdrawn) A process for manufacturing a multilayer product comprising:
extruding a parison comprising a layer of an olefinic polymer containing a metallocene and an outer layer made of polymer of an ionomer type wherein the parison is extruded by blow-molding to form a bubble,
crushing the bubble collected from the blow-molding extrusion to obtain a doubled film,
separating the doubled film to obtain two separate multilayer films, and
fixing one of the films onto a substrate.

10. (Withdrawn) The process according to claim 9, wherein the outer layer made of polyolefin is extruded onto an intermediate layer of an olefinic polymer containing a metallocene.

11. (Withdrawn) The process according to claim 9, wherein the blow-molding of the parison is regulated such that a circumference of the bubble measures at least 8 m and a thickness is from 150 to 250 μm .

12. (Withdrawn) The process according to claim 9 further comprising applying the product as a floor or wall covering.

13. (Withdrawn) The process according to claim 10, wherein the outer layer is made of a low density polyethylene.

14. (Currently amended) A multilayer surfacefloor or wall covering comprising:
a substrate;
a wear layer; and
an intermediate layer disposed between the substrate and the wear layer;
wherein the intermediate layer comprises an olefinic polymer containing from 1 to 40 parts by weight of a metallocene per 100 parts by weight of the olefinic polymer.

15. (Currently amended) The multilayer surfacefloor or wall covering according to claim 1, wherein the polymer substrate further comprises mineral fillers.

16. (Currently amended) The multilayer surfacefloor or wall covering according to of claim 15, mineral fillers may include calcium carbonate, magnesium carbonate, calcium sulfate, barium carbonate, barium sulfate, kaolin, fumed silica, aluminum hydrate or expanded graphite.

17. (Currently amended) The multilayer surfacefloor or wall covering according to claim 1, wherein the polymer substrate is a support.

18. (New) The multilayer floor or wall covering according to claim 1 that is a multilayer floor covering.

19. (New) The multilayer floor or wall covering according to claim 1 that is a multilayer wall covering.

20. (New) The multilayer wall covering of claim 19 that is a transportation vehicle wall covering.